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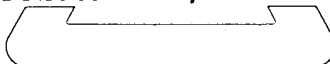
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CONTROL NO. 2-15222/82COPY 41 OF 42**Warning Notice**

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DISSEMINATION CONTROL ABBREVIATIONS

NOFORN-	Not Releasable to Foreign Nationals
NOCONTRACT-	Not Releasable to Contractors or Contractor/Consultants
PROPIN-	Caution-Proprietary Information Involved
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NPIC/IEG (05/82)

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14 MAY 1982

DEPLOYMENT OF NEW ANTIAIRCRAFT SYSTEM
MIRIM AIRFIELD, NORTH KOREA

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1. (S/D) SIGNIFICANCE: A NEW ANTIAIRCRAFT SYSTEM WHICH EMPLOYS A ZPU-4 -TYPE AA GUN AND THE LAND-BASED VARIANT OF THE DRUM TILT FIRE CONTROL RADAR HAS BEEN IDENTIFIED.

2. (S/D) REMARKS: IMAGERY [REDACTED] REVEALED THE DEPLOYMENT OF A NEW ANTIAIRCRAFT (AA) WEAPONS SYSTEM NEAR MIRIM AIRFIELD AT UTM 51SYD45502085. THE NEW SYSTEM CONSISTS OF EIGHT ZPU-4 -TYPE MULTIBARREL AA GUNS OCCUPYING AN EIGHT-POSITION CIRCULAR AA SITE, AND A GUN CARRIAGE-MOUNTED LAND-BASED VARIANT OF THE DRUM TILT FIRE CONTROL RADAR IN A FIRE CONTROL AREA. THIS IS THE FIRST CONFIRMED ASSOCIATION OF THE LAND-BASED DRUM TILT RADAR WITH AN AA SITE. CABLE SCARRING EXTENDS FROM EACH GUN TO THE CENTER OF THE SITE AND CONTINUES IN A NORTHWEST DIRECTION FOR 100 METERS TO A FIRE CONTROL AREA. THE FIRE CONTROL AREA CONTAINS THE DRUM TILT FIRE CONTROL RADAR WHICH IS CABLE CONNECTED TO AN ELECTRONICS SUPPORT VAN TRUCK AND TWO VEHICLE/EQUIPMENT BUNKERS. IN ADDITION TO THE CABLE SCARRING, A PERSONNEL TRENCH CONNECTS EACH GUN POSITION AND THE FIRE CONTROL AREA TO A BARRACKS/SUPPORT AREA.

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(S/D) THE NEW SITE HAS BEEN CONSTRUCTED OVER THE LOCATION OF A FORMER NINE-POSITION AA SITE OCCUPIED WITH ZPU-2 ANTIAIRCRAFT MACHINE GUNS. CONSTRUCTION OF THE AA SITE TO ACCOMMODATE THE NEW SYSTEM BEGAN [REDACTED] AND WAS IN THE MIDSTAGE OF CONSTRUCTION [REDACTED] IT WAS COMPLETED [REDACTED]

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(S/D) ANALYST'S COMMENTS: THE AA GUNS ASSOCIATED WITH THIS SYSTEM HAVE A FIRING PLATFORM IDENTICAL TO A ZPU-4. ALTHOUGH IMAGE QUALITY PRECLUDED ACCURATE MENSURATION OF THE GUNS, THE BREECH AND MAGAZINE AREA APPEAR LARGER, INDICATING THAT THE WEAPON IS EITHER A MODIFIED ZPU-4 OR A NEW TYPE INDIGENOUS AA GUN PRODUCED TO OPERATE IN CONJUNCTION WITH THE LAND-BASED VARIANT OF THE DRUM TILT FIRE CONTROL RADAR. [REDACTED]

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3. (S) COORDINATES 39-00-50N 125-50-45E

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4. (S/D) COLLATERAL REFERENCE: NPIC IMAGERY ANALYSIS REPORT,
IAR-0123/81, NEW LAND-BASED DRUM TILT FIRE CONTROL RADAR,
NORTH KOREA, JULY 1981. (S)

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